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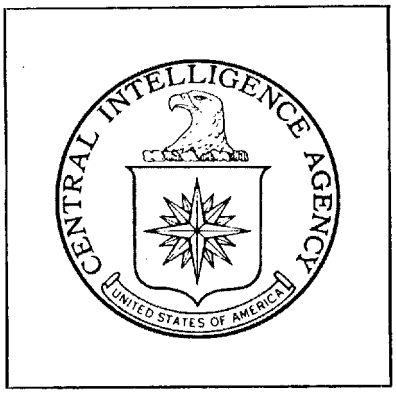
Top Secret

[redacted]



DIRECTORATE OF
INTELLIGENCE

Industrial Facilities
(Non-Military)

Basic Imagery Interpretation Report

Major Electric Power Plants

Kiangsu Province, China

Top Secret

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

ABSTRACT

This report updates the previous basic reports on the eight major electric power plants in Kiangsu Province, eastern China. The latest information used is dated [redacted] for seven plants and [redacted] for the eighth.

25X1D
25X1D

Construction has been observed at two of the plants since the previous reports. At the Shang-hai Wu-ching plant, the boilerhouse and generator hall addition has been externally completed and a fuel storage tank has been constructed in the coal storage area. At the Shang-hai Yang-shu-pu plant, there has been additional construction on the probable boilerhouse section previously reported under construction. No construction has been observed at the other two Shang-hai plants, the two Nan-ching plants, the Min-hang plant, or the Wu-hsi plant.

On the latest coverage, six of the eight plants were operating. The Shang-hai Wu-ching plant was not operating and the Shang-hai Nan-shih plant did not appear to be operating.

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FIGURE 1. LOCATION MAP.

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INTRODUCTION

This report discusses the current status of the eight major thermal power plants in Kiangsu Province and describes any changes since the previous reports.

The following list of the plants studied is keyed to Figure 1.

1. Min-hang Thermal Power Plant
2. Nan-ching Heat and Thermal Power Plant Ta-chang-chen
3. Nan-ching Thermal Power Plant Hsia-kuan
4. Shang-hai Heat and Thermal Power Plant Wu-ching
5. Shang-hai Thermal Power Plant Cha-pei
6. Shang-hai Thermal Power Plant Nan-shih
7. Shang-hai Thermal Power Plant Yang-shu-pu
8. Wu-hsi Thermal Power Plant Wang-ting

Requirement

COMIREX NOI
Support Number 420227

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INSTALLATION OR ACTIVITY NAME	COUNTRY
Min-hang Thermal Power Plant	CH

25X1A

UTM COORDINATES	GEOGRAPHIC COORDINATES	[redacted]
51RUE454298	30-59-35N 121-22-37E	

MAP REFERENCE

25X1C [redacted] USATC, Series 200, Sheet M0492-7HL, 3rd ed, May 68, Scale 1:200,000
25X1C (SECRET/No Foreign Dissem [redacted]

LATEST IMAGERY USED	NEGATION DATE (if required)
25X1D [redacted]	NA

BASIC DESCRIPTION

No changes have been observed at the Min-hang Thermal Power Plant since
25X1D [redacted] the date of the latest photography used in the previous report.

25X1D The plant was in operation in [redacted] A moderate amount of smoke was emanating from the eastern stack.

REFERENCES

Imagery

25X1D [redacted]

Document

25X1A CIA. [redacted] Min-hang Thermal Power Plant, February 1969, TCS 5654/69 (TOP SECRET RUFF)

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Nan-ching Heat and Thermal Power Plant Ta-chang-chen		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
25X1A 50SPL663655	32-12-48N 118-45-33E	[redacted]
MAP REFERENCE		
25X1C [redacted] USATC, Series 200, Sheet M0386-22HL, 3rd ed, Sep 67, Scale 1:200,000		
25X1C (SECRET/No Foreign Dissem [redacted]		
LATEST IMAGERY USED		NEGATION DATE (If required)
25X1D [redacted]		NA

BASIC DESCRIPTION

No changes have been observed at Nan-ching Heat and Thermal Power Plant Ta-chang-chen since [redacted] the date of the latest imagery used in the previous report. In [redacted] the fourth boiler, previously reported under construction, had not been completed and it appeared that construction may have been suspended. Haze over the plant in [redacted] precludes a detailed analysis of the plant facilities.

The plant was in operation in [redacted] when smoke was observed emanating from the stack.

REFERENCES

Imagery

[redacted]

Document

CIA. [redacted] Nan-ching Heat and Thermal Power Plant (Ta-chang-chen), September 1968, TCS 10283/68 (TOP SECRET RUFF)

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INSTALLATION OR ACTIVITY NAME	COUNTRY
Nan-ching Thermal Power Plant Hsia-kuan	CH

25X1A

UTM COORDINATES	GEOGRAPHIC COORDINATES	[redacted]
50SPL636520	32-05-30N 118-43-51E	

MAP REFERENCE

25X1C [redacted] USATC, Series 200, Sheet M0386-22HL, 3rd ed, Sep 67, Scale 1:200,000

25X1C (SECRET/No Foreign Dissem [redacted]

LATEST IMAGERY USED	NEGATION DATE (If required)
25X1D [redacted]	NA

BASIC DESCRIPTION

25X1D No changes have been observed at the Nan-ching Thermal Power Plant Hsia-kuan since [redacted] the date of the latest photography used in the previous report.

25X1D [redacted]

25X1D [redacted] heavy smoke was emanating only from the eastern stack.

REFERENCES

Imagery

25X1D [redacted]

Document

25X1A CIA. [redacted] Nan-ching Thermal Power Plant (Hsia-kuan), October 1968, TCS 10724/68 (TOP SECRET RUFF)

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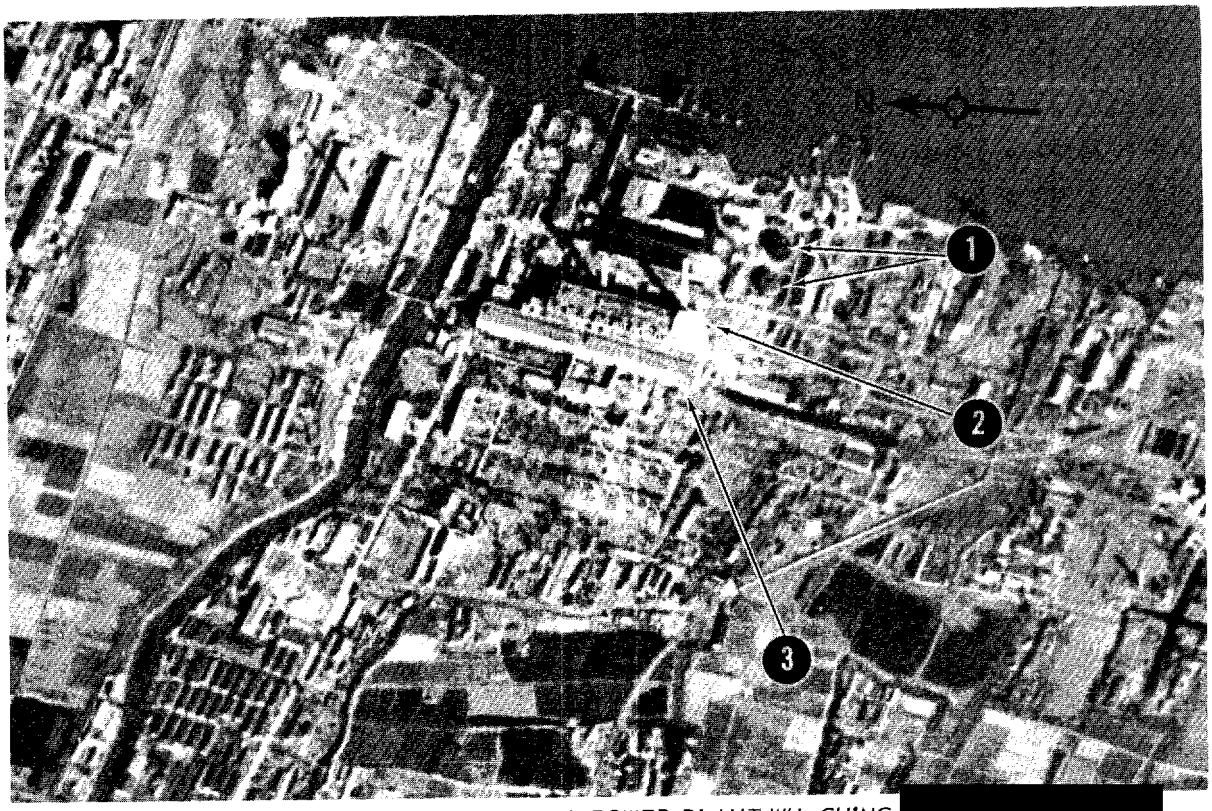

25X1D

FIGURE 2. SHANG-HAI HEAT AND THERMAL POWER PLANT WU-CHING, [redacted]

25X1D [redacted]

Key to Annotations	
Item	Description
1	Fuel storage tanks
2	Boilerhouse
3	Generator hall

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INSTALLATION OR ACTIVITY NAME	COUNTRY
Shang-hai Heat and Thermal Power Plant Wu-ching	CH

25X1A

UTM COORDINATES	GEOGRAPHIC COORDINATES	[redacted]
51RUE539378	31-04-04N 121-27-50E	

MAP REFERENCE

25X1C [redacted] USATC, Series 200, Sheet M0492-7HL, 3rd ed. May 68, Scale 1:200,000

25X1C (SECRET/No Foreign Dissem [redacted]

LATEST IMAGERY USED	NEGATION DATE (If required)
25X1D [redacted]	NA

BASIC DESCRIPTION

The previously reported addition to the boilerhouse and generator hall at Shang-hai Heat and Thermal Power Plant Wu-ching has been externally completed

25X1D since [redacted] the date of the latest photography used in the previous report. The addition is higher than the rest of the boilerhouse, probably indicating that a boiler has been installed which is larger than the other boilers at the plant.

25X1D Two fuel storage tanks have been installed at the south end of the coal storage area. One of these tanks was completed by [redacted] and the other has been constructed since that time. It is not known whether these tanks are for standby fuel or whether the newly installed boiler will utilize oil as a primary fuel. No changes have been observed in the switching yard.

25X1D The plant was not operating in [redacted] as no smoke or steam was observed.

REFERENCES

Imagery

25X1D [redacted]

Document

25X1A CIA. [redacted] Shang-hai Heat and Thermal Power Plant (Wu-ching), April 1969, TCS 18729/69 (TOP SECRET RUFF)

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Shang-hai Thermal Power Plant Cha-pei		CH
25X1A UTM COORDINATES 51RUE594689	GEOGRAPHIC COORDINATES 31-20-39N 121-31-30E	[redacted]
MAP REFERENCE 25X1C [redacted] USATC, Series 200, Sheet M0492-2HL, 3rd ed, Dec 68, Scale 1:200,000 25X1C (SECRET/No Foreign Dissem [redacted]		
LATEST IMAGERY USED 25X1D [redacted]		NEGATION DATE (If required) NA

BASIC DESCRIPTION

25X1D No changes have been observed at Shang-hai Thermal Power Plant Cha-pei since [redacted] the date of the latest photography used in the previous report.

25X1D In [redacted] the northern boilerhouse was operating as indicated by
25X1D smoke emanating from the two stacks, but the southern boilerhouse did not
25X1D appear to be operating. The plant did not appear to be operating in [redacted] [redacted] as no smoke or steam was observed; however, the small scale of the photography may have precluded its observation.

REFERENCES

Imagery

25X1D [redacted]

Document

25X1A CIA. [redacted] Shang-hai Thermal Power Plant (Cha-pei), December 1968, TCS 10742/68 (TOP SECRET RUFF)

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INSTALLATION OR ACTIVITY NAME	COUNTRY
Shang-hai Thermal Power Plant Nan-shih	CH

25X1A

UTM COORDINATES	GEOGRAPHIC COORDINATES	
51RUE565535	31-12-06N 121-29-40E	[redacted]

MAP REFERENCE

25X1C [redacted] USATC, Series 200, Sheet M0492-2HL, 3rd ed, Dec 68, Scale 1:200,000
25X1C (SECRET/No Foreign Dissem [redacted]

LATEST IMAGERY USED	NEGATION DATE (If required)
25X1D [redacted]	NA

BASIC DESCRIPTION

25X1D No changes have been observed at the Shang-hai Thermal Power Plant Nan-shih since [redacted] the date of the latest photography used in the previous report.

25X1D In [redacted] the plant was operating as indicated by water turbulence at the condenser cooling water discharge; no smoke or steam was observed. In
25X1D [redacted] the plant did not appear to be operating as no smoke or water turbulence was observed; however, the small scale of the photography may have precluded their observation.

REFERENCES

Imagery

25X1D [redacted]

Document

25X1A CIA. [redacted] Shang-hai Thermal Power Plant (Nan-shih), January 1969, TCS 11550/68 (TOP SECRET RUFF)

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Shang-hai Thermal Power Plant Yang-shu-pu		CH
UTM COORDINATES 51RUE622613	GEOGRAPHIC COORDINATES 31-16-21N 121-33-13E	[redacted]
MAP REFERENCE [redacted] USATC, Series 200, Sheet M0492-2HL, 3rd ed, Dec 68, Scale 1:200,000 (SECRET/No Foreign Dissem [redacted]		
LATEST IMAGERY USED [redacted]	NEGATION DATE (If required) NA	

25X1A
25X1C
25X1C
25X1D

BASIC DESCRIPTION

25X1D Since [redacted] the date of the latest imagery used in the previous report, there has been additional construction on the probable boilerhouse section previously reported under construction at Shang-hai Thermal Power Plant Yang-shu-pu. The small scale of the December photography precludes further analysis of this section.

25X1D The plant was operating in [redacted] Light smoke was emanating from the masonry stack, one of the western roof stacks, and from a roof stack in the center section.

REFERENCES

Imagery

25X1D [redacted]

Document

25X1A CIA. [redacted] Shang-hai Thermal Power Plant (Yang-shu-pu), January 1969, TCS 11551/68 (TOP SECRET RUFF)

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INSTALLATION OR ACTIVITY NAME	COUNTRY
Wu-hsi Thermal Power Plant Wang-ting	CH

UTM COORDINATES	GEOGRAPHIC COORDINATES
51RTE558827	31-26-39N 120-26-17E

25X1A [redacted]

MAP REFERENCE

ACIC. USATC, Series 200, Sheet M0492-1HL, 4th ed, May 67, Scale 1:200,000
(SECRET/No Foreign Dissem [redacted]

25X1C

LATEST IMAGERY USED	NEGATION DATE (If required)
[redacted]	NA

25X1D

BASIC DESCRIPTION

No changes have been observed at the Wu-hsi Thermal Power Plant Wang-ting since [redacted] the date of the latest photography used in the previous report.

25X1D

25X1D The plant was operating in [redacted] when smoke was emanating from eight of the 11 stacks.

REFERENCES

Imagery

25X1D [redacted]

Document

25X1A CIA. [redacted] Wu-hsi Thermal Power Plant (Wang-ting), March 1969, TCS 18563/69 (TOP SECRET RUFF)

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Approved For Release 2001/08/07 : CIA-RDP79T00909A000600010009-8

[redacted]

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